

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-3. (Cancelled).

4. (Currently amended) A fiber reinforced plastic comprising:

a cured thermoset shape memory polymer, a composition thereof consisting of an isocyanate which is a mixture consisting of bifunctional and trifunctional isocyanates and a polyol, and optionally a component other than isocyanate, and polyol **and curing catalyst**, with a molar ratio in terms of functional groups of the isocyanate : the polyol = 0.9 to 1.1 : 1.0 and the isocyanate being liquid at room temperature,

wherein the polyol (i) consists of at least one bifunctional polyol having an average molecular weight of from 100 to 250 and (ii) does not comprise a chain extender; and

wherein the cured thermoset shape memory polymer has a glass transition point (T<sub>g</sub>) of 70 to 150°C; and

a fibrous material in the cured thermoset shape memory polymer.

5. (Previously presented) The fiber reinforced plastic according to claim 4, which contains 25 to 95 vol. % of the thermoset shape memory polymer composition and 5 to 75 vol. % of the fibrous material.

6. (Currently amended) A production process of a fiber reinforced plastic, which comprises:

mixing an isocyanate that is liquid at room temperature and a polyol at room temperature, with a molar ratio in terms of functional groups of the isocyanate : the polyol = 0.9 to 1.1 : 1.0 to prepare a matrix resin having a composition

consisting of the liquid isocyanate and the polyol, and optionally a component other than isocyanate, and polyol **and curing catalyst**, and

having a pot life of at least 30 minutes, the pot life being a rise in temperature necessary for the polymer composition to attain a viscosity of about 1000 cps,

wherein the polyol (i) consists of at least one bifunctional polyol having an average molecular weight of from 100 to 250 and (ii) does not comprise a chain extender, and

wherein the liquid isocyanate is a mixture consisting of bifunctional and trifunctional isocyanates;

impregnating a fibrous material with the matrix resin of the composition at room temperature; and then

curing the impregnated fibrous material and the matrix resin by raising the temperature to transfer the matrix resin into a cured thermoset shape memory polymer having a glass transition point (T<sub>g</sub>) of 70 to 150 °C.

7. (Previously presented) The production process of a fiber reinforced plastic according to claim 6, wherein the polyol contains at least 50 wt.% of polypropylene glycol.

8. (Cancelled).

9. (Previously presented) The production process of a fiber reinforced plastic according to any one of claims 6 to 7, wherein at least two layers of the impregnated fibrous material were stacked one after another, caused to stick closely each other, pressurized and cured as a laminate having a multilayer structure.

10. (Previously presented) The fiber reinforced plastic according to claim 4, wherein the polyol contains at least 50 wt.% of polypropylene glycol.

11. (Cancelled).

12. (Previously presented) The production process of a fiber reinforced plastic according to claim 6, which contains 25 to 95 vol. % of the thermoset shape memory polymer composition and 5 to 75 vol. % of the fibrous material.

13.-15. (Cancelled).

16. (Previously presented) The production process according to claim 6, wherein the fibrous material with a matrix resin of the composition is molded by a resin transfer molding.

17. (Previously presented) The fiber reinforced plastic according to claim 4, wherein the average molecular weight is from 150 to 250 and the Tg is from 70 to 120°C.

18. (Previously presented) The production process according to claim 6, wherein the average molecular weight is from 150 to 250 and the Tg is from 70 to 120°C.

19.-24. (Cancelled).